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ART UNIT 2304

6. Claims 13 and 21-22 would be allowable if rewritten to overcome the rejection under 35 U.S.C. § 112 and to include all of the limitations of the base claim and any intervening claims in light of Applicant's remarks on page 15, second full paragraph and third paragraph, continuing on page 16.

5 7. Claims 6-7 would be allowable if rewritten to overcome the rejection under 35 U.S.C. § 112 and to include all of the limitations of the base claim and any intervening claims because utilizing a neural network as claimed to estimate weight of the vehicle in an automatic transmission control system recited in the parent claim, claim 23, is deemed to have not been taught by the cited prior art.

10 8. REMARKS

On page 12, Applicant summarizes the present invention.

On page 13, first paragraph, Applicant summarizes claim 23.

On page 13, second paragraph, Applicant summarizes Morita.

As per Applicant's argument on pages 13-14, third paragraph, continuing on page 14,

15 Morita does not teach estimating the vehicle weight in real time. Nonetheless, it is inherent from the teaching of Morita that the vehicle weight is preestimated and stored for later use. Estimation or calculation of the vehicle weight in real time is not recited in claims 1 and 18. Further, even if it were, it would have been obvious in view of teachings by Asayama et al.